Attorney's Docket No. 4906P114

SEP 2 5 2006 IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	
Michael McClary, et al.)	Examiner: Nitin Patel
Serial No. 10/602,461)	Art Group: 2116
Filed: June 23, 2003)	
For: Repeated Switching of a Cross- Connect and a Timing Source in a Network Element Through the Use of a Phase Adjuster)))	
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Mail Stop Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

STATEMENT OF ATTESTATION UNDER 37 C.F.R. §1.8 (b)(3)

I, Melissa Stead, under the penalty of perjury, declare that I personally mailed the Amendment and Response to Office Action in the above-mentioned Application on March 22, 2006 by first-class U.S. mail. Date: 9-25-06

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FACSIMILE COVER SHEET

Deliver to: Nitin Patel, USPTO	Art Group:2116
Facsimile No.: 571-273-8300	Date: September 25, 2006.
From: Jonathan S. Miller, Reg. No. 48	,534
Our Docket No.: 4906P114	Number of pages 16 including this sheet.
Application No.: 10/602,461	Filing Date: 6/23/2003
	Docket Due Date(s):
Enclosed are the following documents:	The state of the s
Amendment: (pg\$)	☐ Issue Fee Transmittal
Amendment: (pgs) Appeal Brief (pgs) Application: (pgs) w/cover & abstract)	☐ Notice of Appeal
Application:	Petition for:
(pgs) w/cover & abstract)	☐ Request for Continued Examination (RCE)
Assignment & Cover Sheet (pgs)	Reply Brief (pgs)
Certificate of	Request & Certification Under 35 USC 122(b)(2)(B)(i)
Continued Prosecution Application (CPA)	☐ Request to Rescind Previous Nonpublication Request
Declaration & POA (pgs)	☐ Response to Notice of Missing Parts & Formalities Letter
Drawings: sheets, figures	Response to Written Opinion (pgs)
Extension of Time:	☐ Terminal Disclaimer
Fee Transmittal (in duplicate)	☐ Transmittal of Publication Fee Due
☐ IDS & PTO/SB/08 (pgs)	☐ Transmittal Letter
DIS & PTO/SB/08 (pgs) Other Request for Original Filing Date Under 37 C.F. Previously filed fee transmittal: Previously files	R. 1.8(b); Statement of Attestation under 37 C.F.R. 1.8 (b)(3); d Amendment and Response to Office Action
CERTIFICATE OF MAIL	NG/TRANSMISSION (37 CFR 1.8A) litted by facsimile on the date shown below to the United States

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9/25/2006

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SEP 2 5 2006

		Application No.	10/602,461			
TRANSMITTAL FORM		Filing Date	June 23, 2003			
(to be used for all correspondence after	ər initial filing)	First Named Inventor				
		Art Unit	2116			
		Examiner Name	Nitin Patel			
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Fee Transmittal Form	Drawing(s)	1			
Fee Attached	Licensing-	related Papers	Appeal Communication to Board of Appeals and Interferences			
Amendment / Response	Petition		Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)			
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Information Disclosure Statement			Request for Original Filing Date Under 37 C.F.R. 1.8(b); Statement			
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Certified Copy of Priority Document(s)	Land	Iscape Table on CD	transmittal: Previously filed Amendment and Response to Office Action			
Response to Missing Parts/ Incomplete Application	Remarks					
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Response to Missing Parts under 37 CFR 1.52 or 1.53						
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Firm Jonathan S. Miller, Reg. No. 48,534 or Individual name BLAKELY/SOKOLOFE/TAYLOR & ZAFMAN LLP						
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Signature Welm Stead Date September 25, 2006						
Based on PTO/SB/21 (09-04) as modified by Blakely, Sciokoff, Taylor & Zhiman (wir) 11/30/2005. SAND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450						

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		Filing Date		<u>23, 2003 </u>				
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METHOD OF PAYMENT (check all that apply)								
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Other fee (specify)								
SUBTOTAL (2) (\$)								
SUBMITT					Registration No.	40.53.4		(310) 207-3800
Name (Phot/Type) Jonathan S. Miller (310) 207-3800								
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Based on P10/SB17 (12-04/as modified by Blakely, Solokoff, Taylor & Zarman (wir) 12/15/2004. SEND 10: Commaspino for Potents, P O. Box 1450, Aloxandria, VA 22513-1450

Signature

SEP 2 5 2006

Attorney's Docket No. 4906P114

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REQUEST FOR ORIGINAL FILING DATE UNDER 37 C.F.R. § 1.8 (b)

This resubmission is to request the original mailing date of the Amendment and Response to Office Action, mailed March 22, 2006 under 37 C.F.R. § 1.8 (b). Enclosed is a copy of the Amendment and Response to Office Action, as filed, including a certificate of mailing. Also enclosed is the fee transmittal that accompanied the response when filed.

A return postcard has not been received and no indication of a receipt of the response was found in the PAIR system. Please find attached a Statement of Attestation under 37 C.F.R. § 1.8(b)(3) from the individual responsible for mailing the above mentioned document and who signed the original certificate of mailing.

Please charge all the appropriate fees to Deposit Account No. 02-2666. A copy of the Fee Transmittal is enclosed for deposit account charging purposes.

If you have any questions please contact me at (310) 500-4767.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: <u>9/26</u>, 2006

Reg. No. 48,534

CERTIFICATE OF FACSIMILE TRANSMISSION

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Melissa Stead

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SEP 2 5 2006

FEE TRANSMITTAL		Complete If Known			
for FY 2005		Application Number	10/602,461		
		Filing Date	June 23, 2003		
Parant foos pro subject to annual revision.		First Named Inventor Examiner Name	Thomas C. Loo		
Applicant claims small entity status.	See 37 CFR 1 27.	Art Unit	Thomas C. Lee 2181		
TOTAL AMOUNT OF PAYMENT	(\$)	Attorney Docket No.	4906P114	S //	
METHOD OF PAYMENT (check all that apply)					
☐ Check ☐ Credit card ☐ Money Order ☐ None ☐ Other (please identify):					
Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP					
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)					
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Name (PANITYPE) Jonathan S. Miller Registration No. (Attorney/Agent) 48,534 Telephone (310) 207-3800

Signature Date 3/2406

Brased on PTO/SB/17 (12-04) as modified by Blakely, Sciokeri, Taylor & Zertmen (wtr) 12/15/2004. SEND TO: Commissioner for Peterligy, P.O. Box 1460, Alexandria, VA 22313-1460

SEP 2 5 2006 Attorney's Docket No. 4906P114

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
Michael McClary, et al.	Examiner: Lee C. Thomas
Serial No. 10/602,461) Art Group: 2115
Filed: June 23, 2003	}
For: Repeated Switching of a Cross- Connect and a Timing Source in a Network Element Through the Use of a Phase Adjuster))))

Mail Stop Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Amendment and Response to Office Action

In response to the Office Action mailed February 1, 2006, in connection with the above referenced patent application, Applicants respectfully request reconsideration in view of the following amendments and remarks.

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 7 of the paper.

<u>AMENI)MENTS TO THE CLAIMS</u>

The listing of claims will replace all prior versions, and listings, of claims in the application:

- (Canceled) 1.
- (Currently Amended) A method comprising: 2. storing data from a primary and a secondary source into a primary memory and a secondary memory based on a primary clock signal and a secondary clock signal; framing data being outputted from the primary and the secondary memory; and adjusting the primary clock signal to adjust [the] an occupancy of the primary memory.
- (Previously Presented) The method of claim 2, further comprising: 3. generating a signal indicating that a phase adjustment of the primary clock signal is needed.
- (Previously Presented) The method of claim 2, further comprising: 4. calibrating a phase adjuster for the primary clock signal.
- (Previously Presented) The method of claim 2, further comprising: 5. calculating a delay for the primary clock signal to adjust the primary clock signal to accelerate or decelerate the framing of data in the primary memory.
- (Previously Presented) The method of claim 2, wherein the primary memory is a 6. memory that is currently in use for transmitting a frame, and wherein the secondary memory is a memory that is not in use for transmitting a frame.
- (Previously Presented) The method of claim 2, further comprising: 7.

- adjusting the primary clock signal to adjust the occupancy of an egress memory.
- 8. (Currently Amended) A[n] device comprising:
 - a primary memory;
 - a secondary memory; and
- a clock control logic circuit coupled to the primary memory and secondary memory to adjust a primary clock signal to <u>synchronize</u> adjust an occupancy of the primary memory and the secondary memory.
- 9. (Previously Presented) The device of claim 8, further comprising: a primary deframer coupled to the primary memory; and a secondary deframer coupled to the secondary memory.
- 10. (Previously Presented) The device of claim 8, wherein the clock control logic comprises:
 a phase adjuster;
 cycle control logic coupled to the phase adjuster; and
 step pulse generator logic coupled to the cycle control logic.
- (Currently Amended) The device of claim [8]10, wherein the phase adjuster comprises: a set of delay cells to alter the phase of a primary clock signal.
- 12. (Currently Amended) An apparatus comprising:
 - a primary control card;
 - a secondary control card; and
- a traffic card coupled to the primary control card and secondary control card, the traffic card having a clock control logic circuit coupled to a primary memory and secondary memory to

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adjust a primary clock signal to adjust synchronize the an occupancy of the primary memory and the secondary memory.

- 13. (Previously Presented) The apparatus of claim 12, wherein the primary control card is in use and the secondary control card is a back up card.
- 14. (Previously Presented) The device of claim 12, further comprising:a second traffic card coupled to the primary control card and the secondary control card.
- 15. (Previously Presented) The device of claim 12, wherein the clock control logic comprises:

a phase adjuster;

cycle control logic coupled to the phase adjuster; and step pulse generator logic coupled to the cycle control logic.

(Previously Presented) An apparatus comprising:

means for storing data from a primary and a secondary source into a primary memory and a secondary memory based on a primary clock signal and a secondary clock signal;

means for framing data being outputted from the primary and the secondary memory; and means for adjusting the primary clock signal to adjust an occupancy of the primary memory.

- 17. (Previously Presented) The apparatus of claim 16, further comprising: means for generating a signal indicating that a phase adjustment of the primary clock signal is needed.
- 18. (Previously Presented) The apparatus of claim 16, further comprising: means for calibrating a phase adjuster for the primary clock signal.

- (Previously Presented) The method of claim 16, further comprising: 19. means for calculating a delay for the primary clock signal to adjust the primary clock signal to accelerate or decelerate the framing of data in the primary memory.
- (Previously Presented) The method of 16, further comprising: 20. means for adjusting the primary clock signal to adjust an occupancy of an egress memory.
- (Previously Presented) A machine readable medium, having instruction stored therein, 21. which when executed cause a computer to perform a set of operations comprising:

storing data from a primary and a secondary source into a primary memory and a secondary memory based on a primary clock signal and a secondary clock signal; framing data being outputted from the primary and the secondary memory; and adjusting the primary clock signal to adjust an occupancy of the primary memory.

(Previously Presented) The machine readable medium of claim 21, having further 22. instructions stored therein, which when executed cause a computer to perform a set of operations comprising:

generating a signal indicating that a phase adjustment of the primary clock signal is needed.

(Previously Presented) The machine readable medium of claim 21, having further 23. instructions stored therein, which when executed cause a computer to perform a set of operations comprising:

calibrating a phase adjuster for the primary clock signal.

(Previously Presented) The machine readable medium of claim 21, having further 24. instructions stored therein, which when executed cause a computer to perform a set of operations comprising:

calculating the delay for the primary clock signal to adjust the primary clock signal to accelerate or decelerate the framing of data in the primary memory.

(Previously Presented) The machine readable medium of claim 21, wherein the primary 25. memory is a memory that is currently in use for transmitting a frame, and

wherein the secondary memory is a memory that is not in use for transmitting a frame.

(New) An apparatus comprising: 26.

a traffic card including,

a first and second ingress FIFO to be coupled to respectively receive both data and a clock signal from a first and second control card;

a first and second deframer respectively coupled to said first and second ingress FIFOs:

an aligner coupled to said first and second FIFO to keep the occupancy of data therein in sync based upon detected differences in alignment of data being received by the first and second deframers:

a clock control logic to receive the clock signal from each of said first and second control cards, to exchange with a PLL a first clock signal for a PLL adjusted clock signal, and to provide said PLL adjusted clock signal to said aligner, said first ingress FIFO, and said second ingress FIFO, said clock control logic including,

a phrase adjuster to provide said first clock signal based on a currently selected one of the clock signals from said first and second control cards.

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REMARKS

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In response to the above identified Office Action, the applicants amend claims 2, 8, 11 and 12. The applicants add claim 26. No claims have been canceled. Accordingly, claims 2-26 are pending in the application.

I. Objections to the Specification

The Examiner has objected to the title of the application, stating that the title of the invention is not descriptive. The applicants believe that the title describes an embodiment of the invention presented in the application. The applicants request clarification as to what aspects of the invention must be described by the title. Accordingly, reconsideration and withdrawal of the objection to the title is requested.

II. Objections to the Claims

The Examiner has objected to claims 2, 8 and 12 stating that these claims include informalities. The applicants have amended each of these claims to correct the informalities noted by the Examiner. Accordingly, reconsideration and withdrawal of the objection to these claims are requested.

III. Claims Rejected Under 35 U.S.C. § 112, second paragraph

Claim 11 has been rejected under 35 U.S.C. § 112, second paragraph, for including a limitation without proper antecedent basis. The applicants have amended claim 11 to depend from claim 10 to provide proper antecedent basis for "the phase adjuster." Accordingly, reconsideration and withdrawal of the indefiniteness rejection of claim 11 are requested.

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IV. <u>Claims Provisionally Rejected on the Ground of Non-Statutory Obviousness Type</u> <u>Double Patenting</u>

The Examiner has rejected claims 2-25, provisionally, as being unpatentable over claims 1-25 of copending Application No. 10/402,481. The applicants hold in abeyance any response to this provisional double patenting rejection until such time as it becomes non-provisional.

V. Claims Rejected Under 35 U.S.C. § 102

Claims 8 and 12 stand rejected under 35 U.S.C. § 102, as being anticipated by U.S. Patent No. 6,982,993 issued to Claveloux et al (hereinafter "Claveloux").

To establish anticipation, the Examiner must show that a single reference teaches each of the elements of a claim. Claims 8 and 12, as amended, include the elements of "a clock control logic circuit coupled to the primary memory and secondary memory to adjust a primary clock signal to synchronize an occupancy of the primary memory and the secondary memory." The applicants have reviewed Claveloux, but have been unable to discern any part therein that teaches these elements of claims 8 and 12. Accordingly, reconsideration and withdrawal of the anticipation rejection of claims 8 and 12 are requested.

VI. Allowable Subject Matter

The Examiner has not set forth any basis for rejecting claims 2-7, 9-11 and 13-25 other that the provisional double patenting rejection. Thus, the applicants note with appreciation that the Examiner implies that these claims contain allowable subject matter. Because the only basis of rejection is provision, applicants believe that these claims are in condition for allowance.

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CONCLUSION

SEP 2 5 2006

In view of the foregoing, it is believed that all claims now pending, namely claims 2-26, patentably define the subject invention over the prior art of record, and are in condition for allowance and such action is earnestly solicited at the earliest possible date. If the Examiner believes that a telephone conference would be useful in moving the application forward to allowance, the Examiner is encouraged to contact the undersigned at (310) 207 3800.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

12400 Wilshire Blvd. Seventh Floor Los Angeles, California 90025 (310) 207-3800

CERTIFICATE OF MAILING:

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Alexandria VA 22313-3450. on

Jonathan S. Miller, Reg. No. 48,534